

**TABLE 10**  
**ESTIMATED INSTRUMENT RATINGS HELD**  
**DECEMBER 31, 1989 - 1998**

Class of Certificate	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
<b>Total--All Pilots</b>	<b>300,180</b>	<b>297,409</b>	<b>297,895</b>	<b>298,798</b>	<b>302,299</b>	<b>305,517</b>	<b>306,169</b>	<b>303,193</b>	<b>297,073</b>	<b>282,804</b>
<b>Airplane 1/</b>										
<b>Private --Total</b>	<b>54,237</b>	<b>53,274</b>	<b>53,803</b>	<b>54,213</b>	<b>57,594</b>	<b>57,198</b>	<b>56,199</b>	<b>55,557</b>	<b>53,920</b>	<b>51,067</b>
Private Airplane (only)	52,479	51,553	52,074	52,499	53,167	52,692	51,753	51,215	49,550	46,859
Private Airplane, Private Glider	1,139	1,134	1,141	1,118	1,128	1,111	1,096	1,103	1,069	1,023
Private Airplane, Commercial Glider	---	---	---	---	143	141	131	134	122	119
Private Airplane, Private Helicopter	574	542	546	555	512	501	470	451	432	403
Private Airplane, Private Glider, Private Helicopter	33	33	29	28	33	31	28	31	32	27
Private Airplane, Commercial Helicopter	---	---	---	---	2,584	2,693	2,688	2,594	2,683	2,606
Private Airplane, Private Gyroplane	7	7	7	5	4	4	4	3	5	5
Private Airplane, Private Glider, Commercial Helicopter	---	---	---	---	15	15	19	16	16	12
Private Airplane, Commercial Glider, Commercial Helicopter	---	---	---	---	7	9	9	9	10	12
Private Airplane, Other	5	5	6	8	1	1	1	1	1	1
<b>Commercial --Total</b>	<b>108,240</b>	<b>110,235</b>	<b>113,390</b>	<b>117,321</b>	<b>122,924</b>	<b>126,493</b>	<b>128,828</b>	<b>129,774</b>	<b>129,426</b>	<b>123,908</b>
Commercial Airplane (only)	91,561	93,292	95,989	99,218	106,047	109,442	111,350	111,835	110,719	105,402
Commercial Airplane, Private Glider	1,559	1,600	1,621	1,680	1,732	1,721	1,795	1,802	1,825	1,783
Commercial Airplane, Commercial Glider	2,670	2,781	2,852	2,912	3,012	3,012	3,036	3,048	3,141	3,037
Commercial Airplane, Private Helicopter	496	476	484	482	441	425	365	336	307	282
Commercial Airplane, Commercial Helicopter	8,786	8,984	9,267	9,662	11,011	11,220	11,612	12,079	12,716	12,708
Commercial Airplane, Private Glider, Commercial Helicopter	126	128	130	144	139	139	132	130	145	136
Commercial Airplane, Commercial Glider, Commercial Helicopter	431	421	440	448	449	448	468	474	496	488
Commercial Airplane, Commercial Gyroplane	20	21	19	21	23	23	17	18	22	19
Commercial Airplane, Commercial Helicopter, Commercial Gyroplane	12	13	16	22	22	21	17	16	17	16
Commercial Airplane, Commercial Gyroplane, Commercial Glider	7	7	5	4	5	3	1	2	2	2
Commercial Airplane, Commercial Glider, Private Helicopter	38	38	38	36	31	27	25	25	27	24
Commercial Airplane, Commercial Gyroplane, Commercial Helicopter, Commercial Glider	8	7	10	13	12	12	10	9	9	11
Commercial Helicopter, Private Airplane	2,241	2,193	2,250	2,407	---	---	---	---	---	---
Commercial Helicopter, Private Airplane, Private Glider	14	13	13	13	---	---	---	---	---	---
Commercial Helicopter, Private Airplane, Commercial Glider	11	12	11	5	---	---	---	---	---	---
Commercial Helicopter, Private Airplane, Commercial Gyroplane	1	1	1	1	---	---	---	---	---	---
Commercial Glider, Private Airplane	107	105	101	109	---	---	---	---	---	---

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Class of Certificate	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989
Commercial Balloon, Private Airplane	68	63	57	56	---	---	---	---	---	---
Commercial Balloon, Private Airplane										
Private Helicopter	2	1	2	2	---	---	---	---	---	---
Commercial Balloon, Private Airplane					---	---	---	---	---	---
Private Glider	11	11	8	8	---	---	---	---	---	---
Commercial Airplane-other	71	68	76	78	---	---	---	---	---	---
<b>Airline Transport --Total</b>	<b>134,612</b>	<b>130,858</b>	<b>127,486</b>	<b>123,877</b>	<b>117,434</b>	<b>117,070</b>	<b>115,855</b>	<b>112,167</b>	<b>107,732</b>	<b>102,087</b>
Airline Transport Airplane (only)	130,513	126,792	123,429	119,817	115,200	114,863	113,692	110,131	105,830	100,317
Airline Transport Airplane,										
Airline Transport Helicopter	2,391	2,355	2,351	2,325	2,234	2,207	2,163	2,036	1,902	1,770
Airline Transport-other	1,708	1,711	1,706	1,735	---	---	---	---	---	---
<b>Rotorcraft (only)--Total</b>	<b>3,091</b>	<b>3,042</b>	<b>3,216</b>	<b>3,387</b>	<b>4,347</b>	<b>4,756</b>	<b>5,287</b>	<b>5,695</b>	<b>5,995</b>	<b>5,742</b>
Private Helicopter (only)	9	5	6	11	---	---	---	---	---	---
Commercial Helicopter (only)	2,548	2,500	2,664	2,833	4,286	4,689	5,214	5,624	5,923	5,660
Commercial Helicopter, Private glider	---	---	---	2	---	---	---	---	---	---
Commercial Helicopter, Commercial glider	2	3	2	2	---	---	---	---	---	---
Commercial Helicopter, Commercial										
Gyrocopter	1	1	1	1	---	---	---	---	---	---
Airline Transport Helicopter (only)	530	532	543	537	44	51	58	59	62	71
Rotorcraft (only)	1	1	---	1	17	16	15	12	10	11

1/ Prior to 1995, these pilots were categorized as private, commercial, or airline transport, based on their airplane certificate. In 1995 and after, they are categorized based on their highest certificate. For example, if a pilot holds a private certificate and a commercial helicopter certificate, prior 1995, the pilot would be categorized as private; 1995 and after as commercial.